

**EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE**

**I. EXAMINER'S AMENDMENT:**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Authorization for this examiner's amendment was given in a telephone interview with Monplaisir Hamilton (Reg. No. 54851) on 08/14/2008.

**The application has been amended as follows:**

**In the Claims:**

**This listing of claims will replace all prior versions, and listings, of claims in the application:**

1- 4. (Canceled).

5. (Currently Amended) A computer readable medium having computer executable instructions for performing the steps of:

providing a plurality of user interface document pages to a user, at least one of the user interface document pages having at least a first link;

providing a plurality of user content document pages to the ~~the~~ ~~[[a]]~~ user, at least one of the user content document pages having at least a second link, wherein at least one of the user content document pages is an e-mail message having at least one second link within an e-mail message document page, the at least one second link upon activation causing command code to be executed to perform an operation selected from the group consisting of: reply, reply to all, forward, and delete; and

~~indication~~ indicating via at least one link property a display format for at least one of the first and second links;

generating for display, in a display frame associated with a link in a linked-from document page, content of a linked-to document page;

generating updates for the display of the linked-to content at a rate specified by a property of the link linking the linked-from and linked-to document pages;

using heuristics to automatically provide most-likely-to-use links to additional material and to automatically provide a set of command choices to the user;

providing at least one of the most-likely-to-use links based upon documents created during a first time period substantially the same as a time period during which a document being viewed by the user was created; and

including at least one command in the set of command choices based upon commands the user has invoked most frequently in the past from contexts substantially the same as the user's current document context.

6. (Currently Amended) The computer-readable medium of claim 5 having further executable instruction for performing steps comprising:

displaying, in a display frame associated with a link in ~~[[a]] the linked-form~~ linked-from document page, information about ~~[[a]] the~~ linked-to document page.

7-9. (Canceled).

10. (Currently Amended) The computer readable medium of claim ~~[[9]]~~ 5, having further executable instructions for performing steps comprising:

providing at least one of the most-likely-to-use links based upon documents previously navigated to by the user.

11. (Currently Amended) The computer readable medium of claim [[9]] 5. having further executable instructions for performing steps comprising:  
providing at least one of the most-likely-to-use links based upon documents having subject matter similar to [[a]] the document being viewed by the user.

12. (Currently Amended) The computer readable medium of claim [[9]] 5. having further executable instructions for performing steps comprising:  
providing at least one of the most-likely-to-use links based upon documents created by an author who is the same as an author of [[a]] the document being viewed by the user.

13-14. (Canceled).

15. (Currently Amended) The computer readable medium of claim [[14]] 5. having further executable instructions for performing steps comprising:  
including at least one command in the set of command choices based upon analysis of the user's current document context.

16. (Currently Amended) The computer readable medium of claim [[14]] 5, having further executable instructions for performing steps comprising:

including at least one command in the set of command choices based upon a set of commands recently invoked by the user.

17-21. (Canceled).

22. (New) A computer-implement method, the method comprising:

providing a plurality of user interface document pages to a user, at least one of the user interface document pages having at least a first link;

providing a plurality of user content document pages to the user, at least one of the user content document pages having at least a second link, wherein at least one of the user content document pages is an e-mail message having at least one second link within an e-mail message document page, the at least one second link upon activation causing command code to be executed to perform an operation selected from the group consisting of: reply, reply to all, forward, and delete;

indicating via at least one link property a display format for at least one of the first and second links;

generating for display, in a display frame associated with a link in a linked-from document page, content of a linked-to document page;

generating updates for the display of the linked-to content at a rate specified by a property of the link linking the linked-from and linked-to document pages;

using heuristics to automatically provide most-likely-to-use links to additional material and to automatically provide a set of command choices to the user;

providing at least one of the most-likely-to-use links based upon documents created during a first time period substantially the same as a time period during which a document being viewed by the user was created; and

including at least one command in the set of command choices based upon commands the user has invoked most frequently in the past from contexts substantially the same as the user's current document context.

23. (New) The computer-implemented method of claim 22 further comprising:

generating for display, in a display frame associated with a link in the linked-from document page, information about the linked-to document page.

24. (New) The computer-implemented method of claim 22, further comprising:

providing at least one of the most-likely-to-use links based upon documents previously navigated to by the user.

25. (New) The computer-implemented method of claim 22, further comprising:  
providing at least one of the most-likely-to-use links based upon  
documents having subject matter similar to the document being viewed by the  
user.
26. (New) The computer-implemented method of claim 22, further comprising:  
providing at least one of the most-likely-to-use links based upon  
documents created by an author who is the same as an author of the document  
being viewed by the user.
27. (New) The computer-implemented method of claim 22, further comprising:  
including at least one command in the set of command choices based  
upon analysis of the user's current document context.
28. (New) The computer-implemented method of claim 22, further comprising:  
including at least one command in the set of command choices based  
upon a set of commands recently invoked by the user.
29. (New) In a computer system having processors coupled to memories  
configured to execute instructions for a method, the method comprising:  
providing a plurality of user interface document pages to a user, at least  
one of the user interface document pages having at least a first link;

providing a plurality of user content document pages to the user, at least one of the user content document pages having at least a second link, wherein at least one of the user content document pages is an e-mail message having at least one second link within an e-mail message document page, the at least one second link upon activation causing command code to be executed to perform an operation selected from the group consisting of: reply, reply to all, forward, and delete;

indicating via at least one link property a display format for at least one of the first and second links;

generating for display, in a display frame associated with a link in a linked-from document page, content of a linked-to document page;

generating updates for the display of the linked-to content at a rate specified by a property of the link linking the linked-from and linked-to document pages;

using heuristics to automatically provide most-likely-to-use links to additional material and to automatically provide a set of command choices to the user;

providing at least one of the most-likely-to-use links based upon documents created during a first time period substantially the same as a time period during which a document being viewed by the user was created; and



including at least one command in the set of command choices based upon commands the user has invoked most frequently in the past from contexts substantially the same as the user's current document context.

30. (New) The method of claim 30, further comprising:

generating for display, in a display frame associated with a link in the linked-form document page, information about the linked-to document page.

31. (New) The method of claim 30, further comprising:

providing at least one of the most-likely-to-use links based upon documents previously navigated to by the user.

32. (New) The method of claim 30, further comprising:

providing at least one of the most-likely-to-use links based upon documents having subject matter similar to the document being viewed by the user.

33. (New) The method of claim 30, further comprising:

providing at least one of the most-likely-to-use links based upon documents created by an author who is the same as an author of the document being viewed by the user.

34. (New) The method of claim 30, further comprising:

including at least one command in the set of command choices based upon analysis of the user's current document context.

35. (New) The method of claim 30, further comprising:

including at least one command in the set of command choices based upon a set of commands recently invoked by the user.

## II. REASONS FOR ALLOWANCE:

Claims 5, 6, 10 -12, 15, 16, and 22-35 are allowed.

The following is an examiner's statement of reasons for allowance:

Interpreting the claims in light of the specification, Examiner finds the claimed invention is patentably distinct from the prior art of record, as argued by Applicant in the Response dated 05/09/2008.

The closest prior art:

**Price et al.** (US 6766494) providing a plurality of user interface document pages to a user, at least one of the user interface document pages having at least a first link; providing a plurality of user content document pages to a user, at least one

of the user content document pages having at least a second link [See Col. 3, lines 40-43; Col. 5, lines 4- 32; and Col. 8, lines 12 -36].

The prior art does not expressly teach in combination all Applicant's claimed limitations. In particular, **independent Claims 5, 22, and 30** recite the features: *"at least one of the user content document pages is an e-mail message having at least one second link within an e-mail message document page, the at least one second link upon activation causing command code to be executed to perform an operation selected from the group consisting of: reply, reply to all, forward, and delete; indicating via at least one link property a display format for at least one of the first and second links; using heuristics to automatically provide most-likely-to-use links to additional material and to automatically provide a set of command choices to the user; providing at least one of the most-likely-to-use links based upon documents created during a first time period substantially the same as a time period during which a document being viewed by the user was created."*

The Examiner asserts that the claims overcome the prior art of record when the limitations are read in combination with the respective claimed limitations in their entirety.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Contact information**

- III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (571) 272- 4093. The examiner can normally be reached on Monday - Friday from 9:00am – 30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR

only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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